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JP012504
763198-600001

January 26, 2009

VIA FEDERAL EXPRESS

Mr. Peter Reich
U.S. Environmental Protection Agency
75 Hawthorne St., SFD-9-4
San Francisco, CA 94105

Re: American Samoa Power Authority
Supplemental Information In Response To EPA Information
Request Under Clean Water Act

Dear Mr. Reich:

This letter supplements our July 22, 2008 letter to you in the above matter. As promised, we hereby provide you with a report from Environmental Resources Management ("ERM"), environmental consultant to our client, American Samoa Power Authority ("ASPA"). You will see ERM has concluded that the subsurface oil and other hazardous substances found at and near ASPA's Satala Power Plant on Pago Pago Harbor, American Samoa, including oil discharged to the harbor, originate not from current operations, but from historic operations by previous owners and operators, including the U.S. Navy, the U.S. Army, and the U.S. Department of Interior ("DOI").

The objective of ERM's investigation was to determine the locations and chemical characteristics of oil discharges to the environment in the vicinity of the Satala Power Plant, and also to evaluate potential sources of the discharged oil. See ERM Report Section 1.1 ("Project Objectives"). ERM has determined that oil may be present in the soil, ground water, and/or surface water over a combined area or in distinct areas encompassing portions of the Satala Power Plant, ASTA Telecommunications Tower property, the Dongwon Freezer property, the MYD Samoa Shipyard, and the nearby public road and waterfront. See ERM Report Section 8 ("Conclusions"). The subsurface oil appears to be migrating to Pago Pago Harbor via certain outfalls and also may be seeping from the ground at the shoreline.

Based on a comparison of oil samples collected from the environment and those collected from ASPA's operations, ERM has concluded that the oil discharges occurring on or around Satala are older, more degraded, and of a different kind than the petroleum products currently used by ASPA. See ERM Report Section 6.2 ("Chemical Data"). Chemical data indicate that the discharges result from historical activities involving different sources of petroleum products---possibly crude oil and intermediate petroleum products---which are not related to ASPA's current operations. See Section 6.2.

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Historical records confirm that other entities are likely responsible for the subsurface contamination and oil discharges in this area. For several decades prior to ASPA's ownership of Satala, the U.S. Navy, U.S. Army and DOI stored and used large amounts of petroleum products in and around the Satala Power Plant footprint. The U.S. Naval Station Tutuila operated for more than 50 years and covered most of the Harbor shoreline, including the area where Satala is now located. *See Attachment 1, USNS Tutuila FUDS Project No. H09AS000001, CTT Map.* After the U.S. Navy left American Samoa, the Satala Power Plant was built and operated for several years under DOI's ownership. Records maintained by the American Samoa government show the U.S. Army also owned and operated generating units on the Satala property. *See Attachment 2, American Samoa Government Department of Public Works Map for "Proposed Tie-Line Between Army Units And Satala Plants," July 14, 1975* (showing "Army Unit #1" to the left of the Office Parking Area and "Army Unit #2" to the right of the M&O Offices).

During its operation of the Tutuila Naval Station, the U.S. Navy operated two petroleum tank farms that were connected to various points along the Harbor. *See Attachment 3, Base Facilities Report for May 1, 1944, Map No. 21* (showing the Aua Valley tank farm at location #5 on the Harbor); *Attachment 4, 1943 Report on Island Development*, at 6 and 11 (discussing pipe lines running from the Aua Valley tank farm to the "fuel dock at the Repair Base"); *Attachment 5, A History of American Samoa and its United States Naval Station*, by Capt. J.A.C. Gray (1960) at 243 (discussing an oil dock at Fagatogo and a tank farm in Utulei that were connected by piping). These tank farms and associated piping stored and transported large quantities of petroleum products. In 1944, the Aua Valley Tank Farm alone could store 33,000 barrels of diesel oil and 257,000 barrels of fuel oil. *See Attachment 3, Base Facilities Report for May 1, 1944, at 7.*

The Navy also operated a power plant near Anua (also called Aua) in the area of the current Impress facility, across from the Starkist facility on the Harbor. *See Attachment 6, Photos of Impress, Starkist, and the Former Navy Power Plant Area called Anua.* This Navy plant was located approximately 1,600 feet to the east of the Satala property and 1,300 feet to the east of the Southwest Marine Shipyard. *See Attachment 2, Google Global Satellite Photo of Satala, the Shipyard, and Impress.* This power plant is referred to in the following historical records as the "Poyer" plant or the Ship Repair Unit ("SRU") power plant:

- A map of US Naval Station Tutuila Samoa, dated June 30, 1947, shows a Navy power plant called "SRU No. 1" at location #500. Attachment 2.
- A map of US Naval Station Tutuila, dated June 30, 1949, also shows a Navy power plant at location #500. Attachment 2.
- A map of the electric power system for the Tutuila Island shows feeder lines and a power plant in the same area. Attachment 2.
- Map No. 21 of the Base Facilities Report for May 1, 1994 shows a Convoy Escort Repair Unit, or "CERU," at location #4, near Satala. Attachment 3. At page nine, the report discusses two interconnected 300-kilowatt power plants, one of which is near location #4 on the map (the CERU near Satala).

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- A map in the Base Facilities Report for January 1, 1945 shows the SRU and a power house at location #8. Attachment 7.
- In *The Government of American Samoa*, R.A. Greer reports that a six-generator powerhouse was built at the SRU, across the bay from Fagatogo, during 1949-1950. Attachment 8 at 188.
- In *A History of American Samoa and Its Naval Administration*, Capt. JAC Gray reports that the SRU power plant was housed in the concrete buildings of the former Poyer School. Attachment 5 at 242.

The Navy transferred responsibility for the administration of American Samoa to DOI in 1951. See Attachment 9, Executive Order 10264. The Satala Power Plant was constructed in 1962. See Attachment 6, PH-117-R: New Public Works Power Plant, 1962, Polynesian Photo Archives. On September 5, 1964, the U.S. Secretary of the Interior transferred ownership of Satala to the Government of American Samoa. See Attachment 10, Deed from U.S. to American Samoa Government.

ASPA did not exist until 1982, when it was created by statute as part of the executive branch of the American Samoa Government. See Attachment 11, Title 15 Chapter 1 of the American Samoa Code. ASPA is a semi-autonomous, not-for-profit agency that provides electricity, water, wastewater, and solid waste services to the residents of American Samoa.

The results of this investigation indicate that the subsurface contamination and oil discharges to the Harbor occurring in and around Satala do not result from current operations, but instead from historic operations conducted by prior owners and operators of the Satala Power Plant and nearby properties, including the U.S. Navy, U.S. Army and DOI. If further investigation or remedial action is deemed necessary, ASPA suggests that USEPA order the entities responsible for the historic contamination to undertake it. Such entities are liable under section 107(a) of the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), 42 U.S.C. § 9607(a), as past owners and operators at the time of disposal and/or as generators. Liability under section 107(a) extends to the U.S. Department of Defense ("DOD"), DOI, and any other responsible entities of the federal government, because CERCLA contains an express waiver of sovereign immunity. 42 U.S.C. § 9620(a)(1).

The petroleum exclusion from CERCLA does not apply to a substantial portion of the contamination present under and around the Satala Power Plant. As shown in ERM's report, the releases in this area include VOCs, SVOCs, metals, and other hazardous substances. See *Cose v. Getty Oil Co.*, 4 F.3d 700, 705 (9th Cir. 1993) ("If a specifically listed hazardous substance is indigenous to petroleum and is present as a result of the release of petroleum, such substance will fall within the petroleum exclusion *unless* it is present at a concentration level that exceeds the concentration level that naturally occurs in the petroleum product."); *Nixon-Egli Equip. Co. v. Alexander Co.*, 949 F. Supp. 1435, (C.D. Cal. 1996) ("[S]ubstances added to waste oil during disposal or to used oil through use (such as PCB's added during use in a transformer) are not excluded and can be hazardous substances under CERCLA."); *Foster v. United States*, 922 F.

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Supp. 642 (D.D.C. 1996) ("[T]he petroleum exemption does not extend to used petroleum products which, as a result of their use, contain hazardous substances found in excess of the amounts that would have occurred in petroleum during the oil refining process.").

Please note that DOD already has identified several locations in American Samoa, including the former Tutuila Naval Station on Pago Pago Harbor, as Formerly Used Defense Sites ("FUDS"), and in the past has processed several of those sites through its Installation Restoration Program ("IRP") for releases of oil and hazardous substances. *See Attachment 1, 2007 Annual Report to Congress* (showing the Utulei Tank Farm, Aua Tank Farm, Vaipito Village, Tafuna Military Reservation, and Vaitogi Radio Station as eligible for IRP). The Tutuila Naval Station, however, appears to have been processed only through the Military Munitions Remediation Program ("MMRP"), which addresses unexploded ordinance and munitions rather than oil or hazardous substances.

Please feel free to contact me if you have any questions or wish to discuss these matters.

Very truly yours,

Thomas M. Donnelly

Enclosure and Attachments

cc: Michael Keyser, ASPA General Counsel and Chief Executive Officer (w/attachments)
Jim Warner, ERM (w/attachments)
Casey Fernung, Jones Day (w/o attachments)

ATTACHMENT 1

FUDS Materials for

American Samoa

Table O-7 IRP/MMRP Status of Installations with FY08 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Total Number of Sites			Costs incurred Through FY07 (\$000)			FY08 to Completion Cost Estimate (\$000)			Total Number of Sites			Costs Incurred Through FY07 (\$000)			FY08 to Completion Cost Estimate (\$000)				
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP				
Installation / FFID	Number of Sites	Costs incurred Through FY07 (\$000)	FY08 to Completion Cost Estimate (\$000)	Number of Sites	Costs Incurred Through FY07 (\$000)	FY08 to Completion Cost Estimate (\$000)	Number of Sites	Costs Incurred Through FY07 (\$000)	FY08 to Completion Cost Estimate (\$000)	Number of Sites	Costs Incurred Through FY07 (\$000)	FY08 to Completion Cost Estimate (\$000)	Number of Sites	Costs Incurred Through FY07 (\$000)	FY08 to Completion Cost Estimate (\$000)	Number of Sites	Costs Incurred Through FY07 (\$000)	FY08 to Completion Cost Estimate (\$000)		
BUSKIN BCH-KODIAK ISL / AK09799F710200	3	0	\$34,428	\$0	\$7,251	\$0	1	0	\$4	\$0	\$1,181	\$0	1	0	\$4	\$0	\$1,181	\$0		
CAINES HEAD, FT. MCGILV / AK09799F252900	2	0	\$137	\$0	\$1,340	\$0	5	0	\$40,178	\$0	\$9,397	\$0	5	0	\$40,178	\$0	\$9,397	\$0		
CAPE PROMINENCE AWS / AK09799F707300	1	0	\$75	\$0	\$1,062	\$0	3	0	\$12,747	\$0	\$7,409	\$0	2	0	\$47	\$0	\$4,081	\$0		
CAPE SARICHEF / AK09799F293400	3	0	\$3,459	\$0	\$1,366	\$0	2	0	\$0	\$0	\$0	\$0	5	0	\$13,260	\$0	\$2,346	\$0		
CAPE YAKAK RADIO STA / AK09799F253000	2	1	\$68	\$0	\$5,204	\$0	2	0	\$0	\$0	\$0	\$0	2	0	\$2,394	\$0	\$2,120	\$0		
CATON ISLAND / AK09799F251900	2	0	\$15	\$0	\$3,405	\$0	YAKUTAT AFB / AK09799F713900	2	0	\$0	\$0	\$0	YAKUTAT AFB / AK09799F713900	2	0	\$0	\$0			
CHERNOFSKI HBR SUR&STO / AK09799F250300	3	0	\$900	\$0	\$2,829	\$0	American Samoa	3	0	\$0	\$0	\$0	American Samoa	3	0	\$0	\$0			
COLLINSON POINT DEW / AK09799F749700	3	0	\$4,335	\$0	\$1,127	\$0	FORMERLY USED DEFENSE SITES	3	0	\$0	\$0	\$0	FORMERLY USED DEFENSE SITES	3	0	\$0	\$0			
DAVIDSONS LANDING / AK09799F257600	3	0	\$1,191	\$0	\$554	\$0	MATAFAO SCHOOL / AS99799F595400	0	1	\$0	\$0	\$0	MATAFAO SCHOOL / AS99799F595400	0	1	\$0	\$0			
FORT PIERCE / AK09799F253600	1	0	\$55	\$0	\$226	\$0	TAFUNA MILITARY RESERVATION / AS99799F692700	1	0	\$0	\$0	\$0	TAFUNA MILITARY RESERVATION / AS99799F692700	1	0	\$0	\$0			
FT. LEARHARD / AK09799F250700	1	1	\$3,443	\$550	\$69	\$1484	USNS TUTUILA / AS99799F662100	0	1	\$0	\$0	\$0	USNS TUTUILA / AS99799F662100	0	1	\$0	\$0			
HOONAH RRS / AK09799F261200	4	0	\$7,796	\$0	\$24	\$0	VAPITO VILLAGE / AS99799F6921600	1	0	\$1,066	\$0	\$1,377	VAPITO VILLAGE / AS99799F6921600	1	0	\$1,066	\$0			
KOGRU DEW (POW B) / AK09799F251200	2	0	\$5,816	\$0	\$8,661	\$0	VAITOG RADIO STATION / AS99799F739900	1	0	\$0	\$0	\$0	VAITOG RADIO STATION / AS99799F739900	1	0	\$0	\$0			
LAKE LOUISE AIRFIELD / AK09799F010000	1	0	\$0	\$0	\$1,256	\$0	Arizona	1	0	\$0	\$0	\$0	Arizona	1	0	\$0	\$0			
LAKE PETERS / AK09799F2714700	3	0	\$189	\$0	\$1,586	\$0	ARMY	4	0	\$2,368	\$0	\$0	ARMY	4	0	\$2,368	\$0			
MANNING POINT DEW / AK09799F248900	1	0	\$17	\$0	\$4,101	\$0	PAPAGO MILITARY RESERVATION / AZ92118684B4000	5	2	\$180	\$188	\$99	PAPAGO MILITARY RESERVATION / AZ92118684B4000	5	2	\$180	\$188	\$99		
MIDDLETON ISL. AFS / AK09799F264800	2	1	\$1,706	\$0	\$6,731	\$0	AIR FORCE	NIKE SITE BAY / AK09799F842000	3	0	\$20	\$0	\$1,078	NIKE SITE BAY / AK09799F842000	3	0	\$2,354	\$0	\$4,09	
MT. EDGECUMBE/SITKA NOB / AK09799F292800	2	1	\$4,448	\$0	\$0	\$0	SKY HARBOR INTERNATIONAL AIRPORT / AZ557282587200	6	0	\$0	\$0	\$0	SKY HARBOR INTERNATIONAL AIRPORT / AZ557282587200	6	0	\$0	\$0	\$0		
NOME AREA DEF REGION / AK09799F254200	10	0	\$20,331	\$0	\$154	\$0	FORMERLY USED DEFENSE SITES	AIO AAF / AZ99799F506600	1	1	\$3,64	\$0	\$5	FORMERLY USED DEFENSE SITES	AIO AAF / AZ99799F506600	1	1	\$3,64	\$0	\$5
NORTHWAY ACS / AK09799F266700	2	0	\$2,928	\$0	\$3,340	\$0	AVRA AIR FORCE AUX FIELD #4 / AZ99799F506800	0	1	\$0	\$0	\$0	AVRA AIR FORCE AUX FIELD #4 / AZ99799F506800	0	1	\$0	\$0	\$0		
NORTHWAY STAGING FLD / AK09799F282000	3	0	\$12,723	\$0	\$4,446	\$0	BUCKEYE NATIONAL GUARD T&R RGE / AZ99799F507100	0	1	\$0	\$0	\$0	BUCKEYE NATIONAL GUARD T&R RGE / AZ99799F507100	0	1	\$0	\$0	\$0		
NUVAGAPAK PT DEW(BAR A) / AK09799F250000	3	0	\$4,804	\$0	\$2,761	\$0	CAMP BOUSE RAILHEAD / AZ99799F507400	0	1	\$0	\$0	\$0	CAMP BOUSE RAILHEAD / AZ99799F507400	0	1	\$0	\$0	\$0		
OCEAN CAPE ER SITE / AK09799F706600	2	0	\$676	\$0	\$2,866	\$0	COOLIDGE ARMY AIR FIELD / AZ99799F508100	2	1	\$0	\$0	\$0	COOLIDGE ARMY AIR FIELD / AZ99799F508100	2	1	\$0	\$0	\$0		
OGLIUGA ISL / AK09799F267000	2	0	\$753	\$0	\$4,559	\$0	CORONADO AUXILIARY FIELD #3 / AZ99799F508200	0	1	\$0	\$0	\$0	CORONADO AUXILIARY FIELD #3 / AZ99799F508200	0	1	\$0	\$0	\$0		
PORCUPINE RIVER DEW STAGING CAMP / AK09799F206600	3	0	\$17	\$0	\$2,540	\$0	DATELAND A.F. AUXILIARY FIELD / AZ99799F508500	2	1	\$0	\$0	\$0	DATELAND A.F. AUXILIARY FIELD / AZ99799F508500	2	1	\$0	\$0	\$0		
TIGALDA ISLAND / AK09799F787800	1	0	\$71	\$0	\$1,220	\$0	DOUGLAS AIR FIELD / AZ99799F510700	1	1	\$0	\$0	\$0	DOUGLAS AIR FIELD / AZ99799F510700	1	1	\$0	\$0	\$0		
TOK (ACS RADIO RELAY) / AK09799F222200	1	0	\$239	\$0	\$796	\$0														

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

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Complete Installation Data for UTULEI STOR TANK/FORMERLY USED DEFENSE SITES - UTULEI STOR TANK/ASS99799F371600

 Use the links below to see information on this installation.

All links will open in PDF format in a new window, with the exception of the "Installation Location" link, which will redirect to a GIS map.

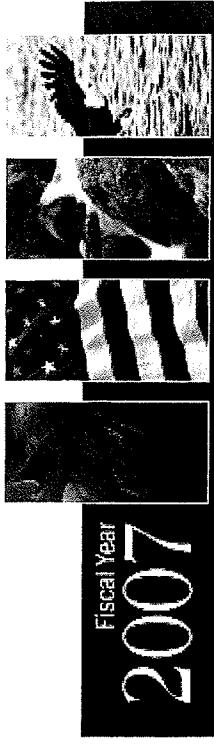
Installation Summary does not exist

MMRP Map for Installation does not exist

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RAB	Completed Underway Future				Scheduled Impact Costs Through				FY07 Funds				FY08 Funds				FY09 Funds				BRAC Year				NPJ/Proposed NPJ			
	Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	Planned (\$000)	Planned (\$000)	Estimated Costs							
IRP and MMRP Sites by Classification	Study	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Response Complete	1 Response Complete	0 IRA	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
High	0 MRSPPP-1	0 Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Medium	0 MRSPPP-2	0 RA-C	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Low	0 MRSPPP-3	0 RA-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Not Evaluated	0 MRSPPP-4	0 LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Not Required	0 MRSPPP-5	0 Five-Year Review Completed, Under Way	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Total IRP Sites	1 MRSPPP-6	0 and Planned for Future	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
RAC-1	0 MRSPPP-7	0 IRP Program in FY07: No progress reported.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	MMRP Program in FY07:										
RAC-2	0 Evaluation Pending	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	MMRP Progress Planned for FY08-09:										
RAC-3	0 Not Known/Suspected	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	No actions planned.										
RAC-4	0 No Longer Required	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	MMRP Progress Planned for FY08-09:										
RAC-5	Evaluation Pending	0 Total MMRP Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Total Number of IRP Installations with Sites	1									
		Total Number of MMRP Installations with Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Total Number of MMRP Installations with Sites	0									

* CTC DELTA REASONS: C-TECH-TECHNICAL ISSUES, C-REG-REGULATORY ISSUES, C-EST-ESTIMATING CRITERIA

** SCHEDULED IMPACT REASONS: TECH-TECHNICAL, CONT-CONTRACTING, PERS-PERSONNEL, REG-REGULATORY, FUND-FUNDING

NOTE: TOTALS REFLECT INSTALLATION PROJECT FUNDING ALLOCATED TO INDIVIDUAL SITES AND DO NOT INCLUDE PROGRAM MANAGEMENT AND OTHER SUPPORT COSTS.

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Complete Installation Data for USNS TUTUILA/FORMERLY USED DEFENSE SITES - USNS TUTUILA/AS99799F692100

 Use the links below to see information on this installation.

All links will open in PDF format in a new window, with the exception of the "Installation Location" link, which will redirect to a GIS map.

Installation Summary does not exist

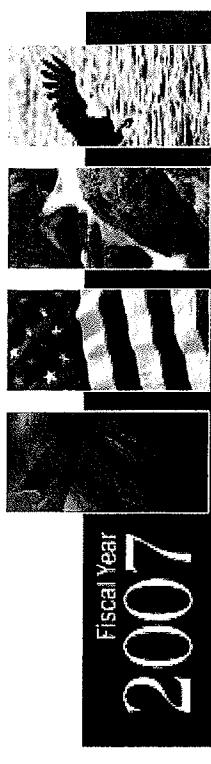
[MMRP Map](#) | [IRP/MMRP Data for Installation](#)

RAB

Phase	Completed IRP	Underway IRP	Future MMRP	Sites (Actions)	in FY07 (\$000)	IRP	MMRP	FY07 (\$000)			Obligated (\$000)	Planned (\$000)	IRP	MMRP	Fiscal Year	IRP	MMRP	BRAC Year	NPL/Proposed NPL	Estimated Costs
								IRP	MMRP	IRP										
IRP and MMRP Sites by Classification	0	0	0	0	0	0	0	1	1	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28
Response Complete	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
High	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Medium	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Low	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Not Evaluated	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Not Required	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total IRP Sites	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RAC-1	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RAC-2	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RAC-3	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RAC-4	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RAC-5	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Evaluation Pending	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Number of IRP Installations with Sites	1	1	1	1	1	1	1	1	1	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Number of MMRP Installations with Sites	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Number of MMRP Installations with Sites	1	1	1	1	1	1	1	1	1	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

* CTC DELTA REASONS: C-TECH-TECHNICAL ISSUES, C-REG-REGULATORY ISSUES, C-EST-ESTIMATING CRITERIA
** SCHEDULE IMPACT REASONS: TECH-TECHNICAL, CONT-CONTRACTING, PERS-PERSONNEL, REG-REGULATOR, FUND-FUNDING

NOTE: TOTALS REFLECT INSTALLATION PROJECT FUNDING ALLOCATED TO INDIVIDUAL SITES AND DO NOT INCLUDE PROGRAM MANAGEMENT AND OTHER SUPPORT COSTS.



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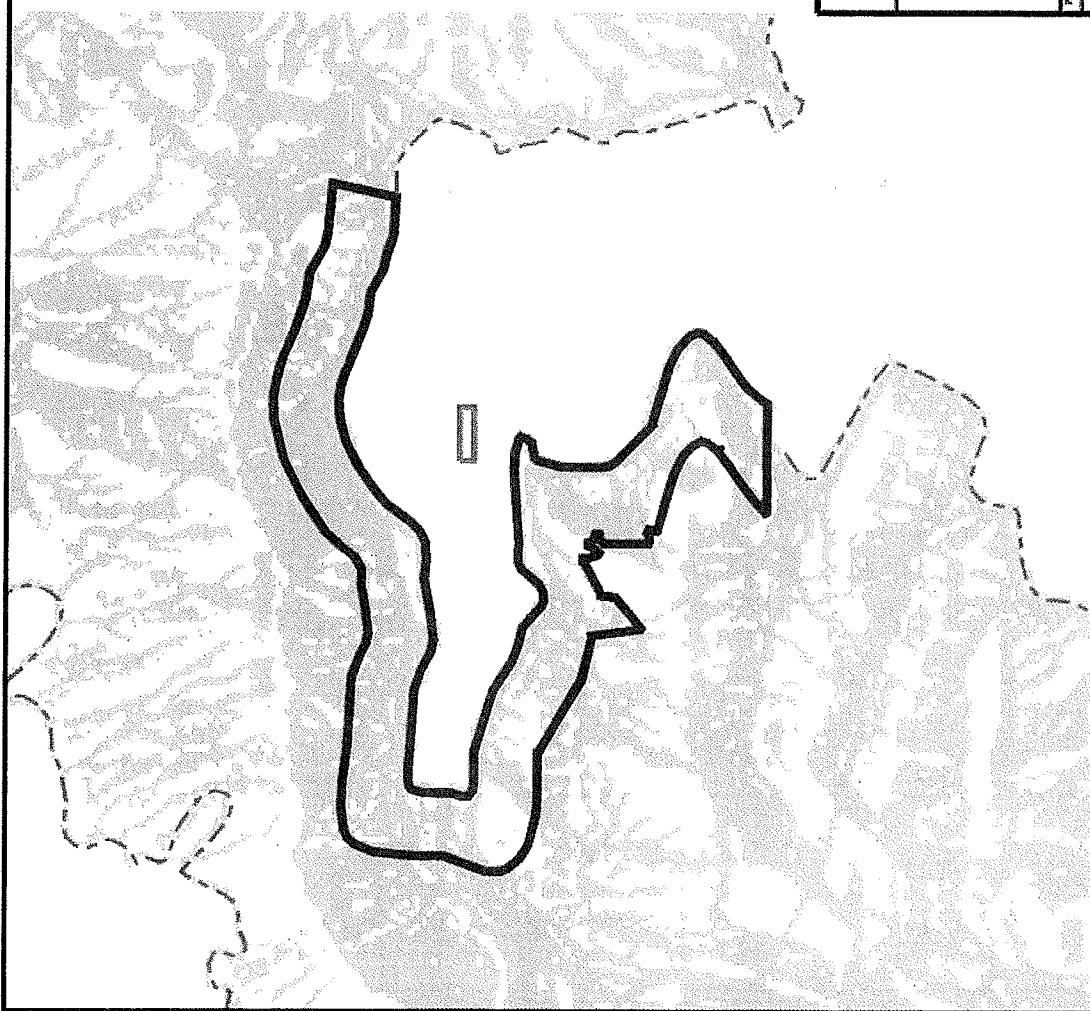
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四

APPROXIMATE PROPERTY BOUNDARY
 OTHER (U.S.S. CHEHALIS)
— SHORELINE



0 700 1400
APPROXIMATE SCALE IN FEET



**U.S. ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT**

USNS TUTUILA
FUDS PROPERTY NO. H09AS00000
PAGO PAGO, AMERICAN SAMOA
MAUPUTASI COUNTY

INSTALLATION MAP

1

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卷之三

HITM ZONE 2 (WGS 84)

סימן ב (טב) 1

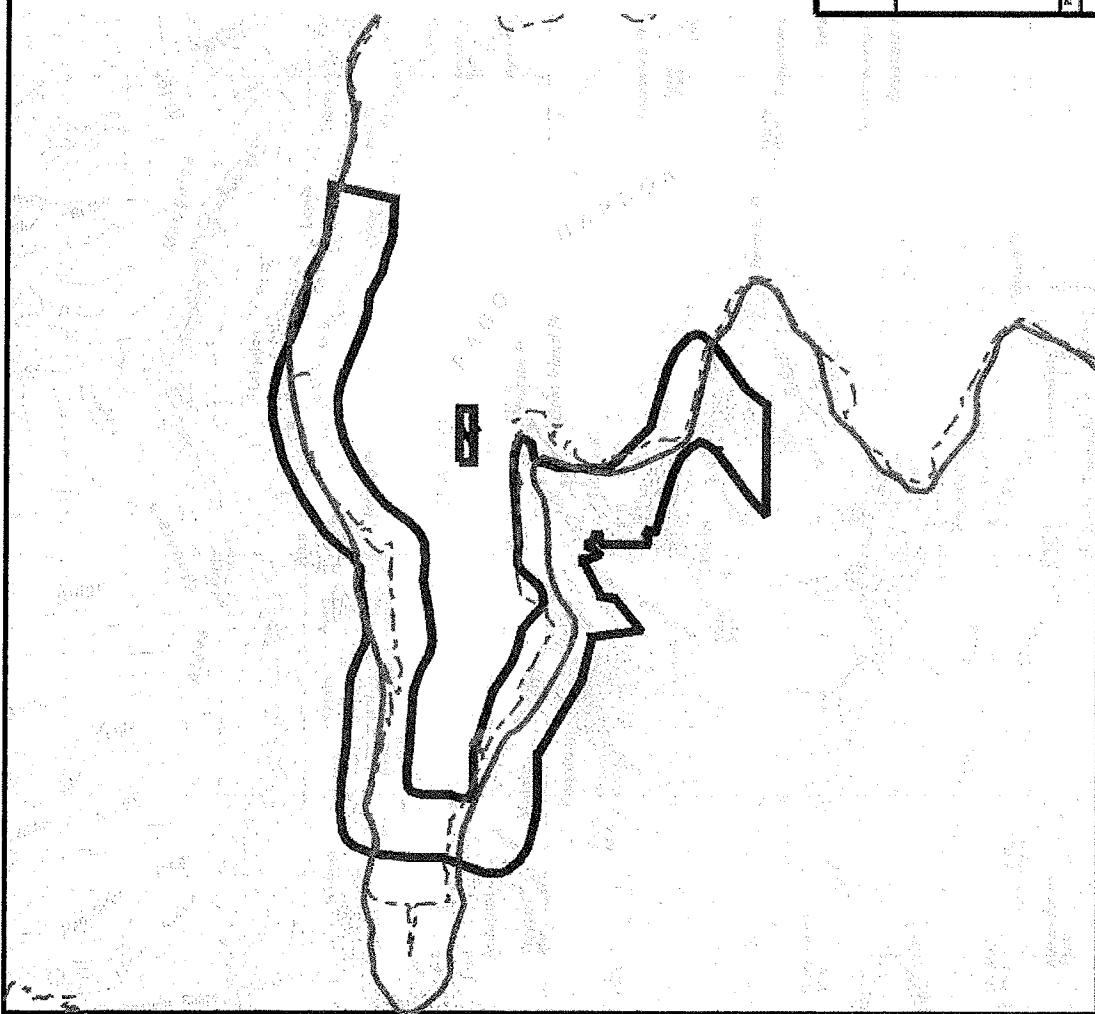
UTM COORDINATES
 $X = 534423$ m E
 $Y = 8421481$ m N
 (14°16'42"S)
 (120°40'54"E)

APPROXIMATE PROPERTY BOUNDARY

**APPROXIMATE RANGE
WATER ACREAGE = 1 AC**

MAIN ROAD
SUDERTINE

SHURELINE



**U.S. ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT**

**USNS TUTUILA, AS
FUDS PROJECT NO. H09AS0000001
CTT MAP**

U.S.S. CHEHALIS

PLATE NO. 101

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Complete Installation Data for VAIPIITO VILLAGE/FORMERLY USED DEFENSE SITES - VAIPIITO VILLAGE/AS99799F692600

 Use the links below to see information on this installation.

All links will open in PDF format in a new window, with the exception of the "Installation Location" link, which will redirect to a GIS map.

Installation Summary does not exist

[MMRP Map for Installation does not exist](#)

[IRP/MMRP Data for Installation](#)

RAB

Completed Underway Future

Scheduled Impact Costs Through

FY07 Funds

FY08 Funds

FY09 Funds

BRAC Year

		Phase		Completed		Underway		Future		Scheduled Impact Costs Through		FY07 Funds		FY08 Funds		FY09 Funds		BRAC Year		NPL/Proposed NPL	
		Study	IRP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Estimated Costs
IRP and MMRP Sites by Classification	0 Response Complete	Study	1	0	0	0	0	0	0	0	0	\$351	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25
High	0 MRSPP-1	Design	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Medium	0 MRSPP-2	RA-C	0	1	0	0	0	0	0	0	0	\$303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Low	0 MRSPP-3	RA-O	0	0	1	0	0	0	0	0	0	\$382	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Not Evaluated	0 MRSPP-4	LTM	0	0	0	0	0	0	1	0	0	\$30	\$0	\$6	\$0	\$80	\$0	\$80	\$0	\$0	\$0
Not Required	0 MRSPP-5	Five-Year Review Completed, Under Way		Total		\$1,066		\$0		\$0		\$0		\$0		\$31		\$0		\$1,377	
Total IRP Sites	1 MRSPP-6	0 Five-Year Review Completed, Under Way		0 and Planned for Future		0 Five-Year Review Completed, Under Way		0 and Planned for Future		0 Five-Year Review Completed, Under Way		0 and Planned for Future		0 Five-Year Review Completed, Under Way		0 and Planned for Future		0 Five-Year Review Completed, Under Way		\$0	
RAC-1	0 MRSPP-7	0 IRP Program in FY07: No progress reported.		0 Evaluation Pending		0 Evaluation Pending		0 Not Known/Suspected		0 No Longer Required		0 Progress Planned for FY08-09: No actions planned.		MMRP Program in FY07:		MMRP Progress Planned for FY08-09:		MMRP		\$0	
RAC-2	0 MRSPP-8	0 Evaluation Pending		0 Not Known/Suspected		0 No Longer Required		0 Progress Planned for FY08-09: No actions planned.		MMRP Program in FY07:		MMRP Progress Planned for FY08-09:		MMRP		\$0		\$111		\$0	
RAC-3	0	0 Evaluation Pending		0 Not Known/Suspected		0 No Longer Required		0 Progress Planned for FY08-09: No actions planned.		MMRP Program in FY07:		MMRP Progress Planned for FY08-09:		MMRP		\$0		\$111		\$0	
RAC-4	0	0 Evaluation Pending		0 Not Known/Suspected		0 No Longer Required		0 Progress Planned for FY08-09: No actions planned.		MMRP Program in FY07:		MMRP Progress Planned for FY08-09:		MMRP		\$0		\$111		\$0	
RAC-5	0	0 Evaluation Pending		0 Not Known/Suspected		0 No Longer Required		0 Progress Planned for FY08-09: No actions planned.		MMRP Program in FY07:		MMRP Progress Planned for FY08-09:		MMRP		\$0		\$111		\$0	
Total Number of IRP Installations with Sites	0	0 Total MMRP Sites		1		Total Number of MMRP Installations with Sites		1		Total Number of MMRP Installations with Sites		0		0		0		0		0	

* CTC DELTA REASONS: C-TECH-TECHNICAL ISSUES, C-REG-REGULATORY ISSUES, C-EST-ESTIMATING CRITERIA

** SCHEDULE IMPACT REASONS: TECH-TECHNICAL, CONT-CONTRACTING, PERS-PERSONNEL, REG-REGULATORY, FUND-FUNDING

NOTE: TOTALS REFLECT INSTALLATION PROJECT FUNDING ALLOCATED TO INDIVIDUAL SITES AND DO NOT INCLUDE PROGRAM MANAGEMENT AND OTHER SUPPORT COSTS.



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TAFUNA MILITARY RESERVATION/FORMERLY USED DEFENSE SITES - TAFUNA MILITARY RESERVATION/AS99799F692700

Use the links below to see information on this installation.

All links will open in PDF format in a new window, with the exception of the "Installation Location" link, which will redirect to a GIS map.

Installation Summary does not exist
MMRP Map for Installation does not exist

IRP/MMRP Data for Installation does not exist

Phase	RAB	Completed				Underway				Future				Scheduled Impact Costs Through				FY07 Funds				FY08 Funds				FY09 Funds				BRAC Year				NPL/Proposed NPL			
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP						
IRP and MMRP Sites by Classification																																					
Response Complete	0	Study	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
High	0	IRA	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)		
Medium	0	Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Low	0	RA-C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Not Evaluated	0	RA-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Not Required	0	LTM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Total IRP Sites	0	Five-Year Review Completed, Under Way	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
RAC-1	0	Five-Year Review Completed, Under Way	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
RAC-2	0	Program in FY07: No Identified MMRP Sites.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
RAC-3	0	Program in FY07: No Identified MMRP Sites.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
RAC-4	0	Program in FY07: No Identified MMRP Sites.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
RAC-5	0	Program in FY07: No Identified MMRP Sites.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Evaluation Pending	0	Program in FY07: No Identified MMRP Sites.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total Number of IRP Installations with Sites	1	Program in FY07: No Identified MMRP Sites.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Number of MMRP Installations with Sites	0	Program in FY07: No Identified MMRP Sites.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

* CTC DELTA REASONS: C-TECH-TECHNICAL ISSUES, C-REG-REGULATORY ISSUES, C-EST-ESTIMATING CRITERIA

** SCHEDULE IMPACT REASONS: TECH-TECHNICAL, CONT-CONTRACTING, PERS-PERSONNEL, REG-REGULATORY, FUND-FUNDING

NOTE: TOTALS REFLECT INSTALLATION PROJECT FUNDING ALLOCATED TO INDIVIDUAL SITES AND DO NOT INCLUDE PROGRAM MANAGEMENT AND OTHER SUPPORT COSTS.



The seal of the United States Department of Defense, featuring a circular design with an eagle holding a shield and a sword, surrounded by the words "Department of Defense".



Complete Installation Data for
VAITOGI RADIO STATION/FORMERLY USED DEFENS-
STATION/AS99799F739900

Use the links below to see information on this installation

All links will open in PDF format in a new window, with the exception of the "Installation Location" link, which will redirect to a GIS map.

Installation Summary does not exist

MMRP Map for Installation does not exist **IRP/MMRP Data for Installation does not exist**

IRP/MMRP Data for Installation **Installation Location**
does not exist

THE JOURNAL OF CLIMATE

CFC DELTA REASONS: C-TECH-TECHNICAL ISSUES, C-REG-REGULATORY ISSUES, C-EST-ESTIMATING CRITERIA

בנין ותבנה במקרא ובראשון לציון | כרך ג' | עמ' 100-101

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 Use the links below to see information on this installation.

All links will open in PDF format in a new window, with the exception of the "Installation Location" link, which will redirect to a GIS map.

Installation Summary does not exist

[MMRP Map](#)[IRP/MMRP Data for Installation](#)[Installation Location](#)**RAB**

Completed Phase

Underway

Future

MMRP

Sites (Actions)

in FY07 (\$000)

FY07 (\$000)

Obligated (\$000)

Planned (\$000)

IRP

MMRP

IRP

MMRP

IRP

MMRP

Fiscal Year



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MATAFAO SCHOOL/FORMERLY USED DEFENSE SITES - MATAFAO

Use the links below to see information on this installation.

All links will open in PDF format in a new window, with the exception of the "Installation Location" link, which will redirect to a GIS map.

Installation Summary does not exist

[MMRP Map](#)

[IRP/MMRP Data for Installation](#)

[Installation Location](#)

Complete Installation Data for MATAFAO SCHOOL/FORMERLY USED DEFENSE SITES - MATAFAO SCHOOL/AS99799F985400

Use the links below to see information on this installation.

All links will open in PDF format in a new window, with the exception of the "Installation Location" link, which will redirect to a GIS map.

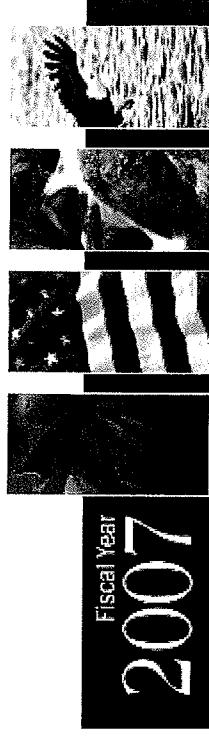
RAB	BRAC Year				NPL/Proposed NPL Estimated Costs			
	Completed	Underway	Future	Scheduled Impact Costs Through	FY07 Funds	FY08 Funds	FY09 Funds	
Phase	IRP	MMRP	IRP	MMRP	in FY07 (\$000)	Obligated (\$000)	Planned (\$000)	
				IRP	MMRP	IRP	MMRP	
IRP and MMRP Sites by Classification	Study	0	0	0	0	0	0	
Response Complete	0 IRA	0(0)	0(0)	0(0)	0	\$0	\$0	
High	0 Design	0	0	0	0	\$0	\$0	
Medium	0 RA-C	0	0	0	0	\$0	\$0	
Low	0 RA-O	0	0	0	0	\$0	\$0	
Not Evaluated	0 LTM	0	0	0	0	\$0	\$0	
Not Required	0 Five-Year Review Completed, Under Way	0	0	0	1	\$0	\$0	
Total IRP Sites	0 and Planned for Future	0	0	0	0	\$0	\$0	
RAC-1	0 MMRP-7	0	0	0	0	\$0	\$0	
RAC-2	0 MMRP-8	0	0	0	0	\$0	\$0	
RAC-3	0 Evaluation Pending	0	0	0	0	\$0	\$0	
RAC-4	0 Not Known/Suspected	0	0	0	0	\$0	\$0	
RAC-5	0 No Longer Required	0	0	0	0	\$0	\$0	
Evaluation Pending	1 Total MMRP Sites	1	1	1	1	\$0	\$0	
Total Number of IRP Installations with Sites	0	0	0	0	0	\$0	\$0	
Total Number of MMRP Installations with Sites	1	1	1	1	1	\$0	\$0	

MMRP Program in FY07: No Identified MMRP Sites.

MMRP Progress Planned for FY08-09: No Identified MMRP Sites.

* CTC DELTA REASONS: C-TECH-TECHNICAL ISSUES, C-REG-REGULATORY ISSUES, C-EST-ESTIMATING CRITERIA
 ** SCHEDULED IMPACT REASONS: TECH-TECHNICAL, CONT-CONTRACTING, PERS-PERSONNEL, REG-REGULATORY, FUND-FUNDING

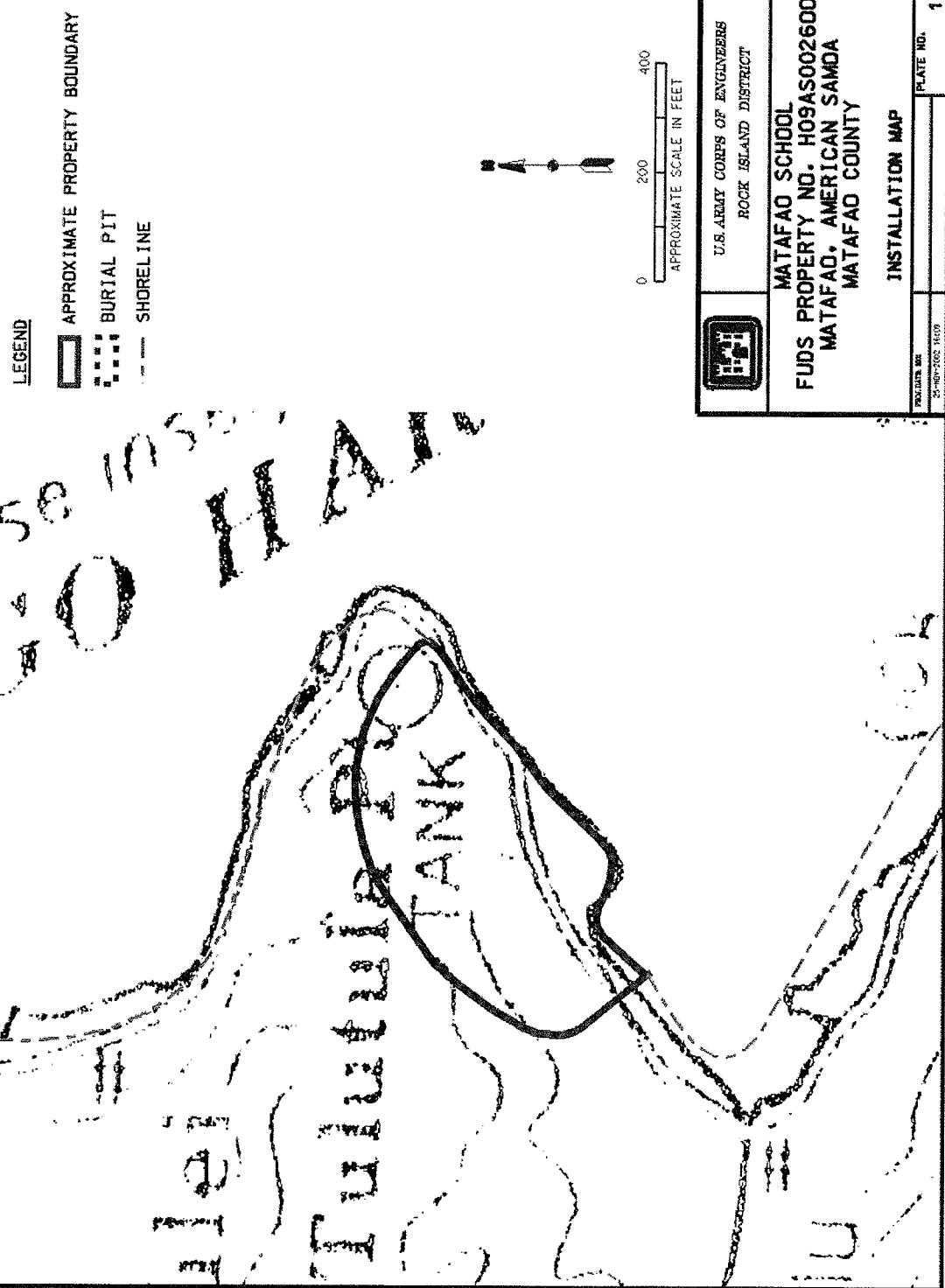
NOTE: TOTALS REFLECT INSTALLATION PROJECT FUNDING ALLOCATED TO INDIVIDUAL SITES AND DO NOT INCLUDE PROGRAM MANAGEMENT AND OTHER SUPPORT COSTS.



[Fiscal Year](#)

2007

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LEGEND

UTM ZONE 2 (WGS 84)

UTM COORDINATES
 $X = 534748m$ E
 $Y = 8429074m$ N
 $(14^{\circ}17'7''N)$
 $(170^{\circ}40'39''W)$

APPROXIMATE PROPERTY BOUNDARY

APPROXIMATE RANGE BOUNDARY
TOTAL ACREAGE = 4.8 AC
LAND ACREAGE = 4 AC

WATER ACCREAGE = .8 AC

MAIN ROAD

卷之三

כינור נבון

6

APPENDIX

118 4B

卷之三

卷之三

FUDS PROJECT NO. H09AS002601
MAIAAUD SCHUUL, AS
CTT MAP

LANDFILL AREA

THESE ARE THE NAMES OF THE SONS OF ISRAEL WHO WERE IN EGYPT.

Search Criteria: Detail

RAB												BRAC Year				
				Scheduled Impact in FY07**				FY07 Funds Obligated (\$000)				FY08 Execution Planned (\$000)		FY09 Planning Estimate (\$000)		
Phase	Completed IRP	Underway IRP	Future IRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
MATAFAO SCHOOL/FORMERLY USED DEFENSE SITES - MATAFAO SCHOOL/AS99799F985400																
IRP and MMRP Sites By Classification	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Response Complete	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Evaluated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Required	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total IRP Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAC-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAC-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAC-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAC-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAC-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Evaluation Pending	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IRP Progress in FY07: No Identified MMRP Sites.																
IRP Progress Planned for FY08-09: No Identified MMRP Sites.																

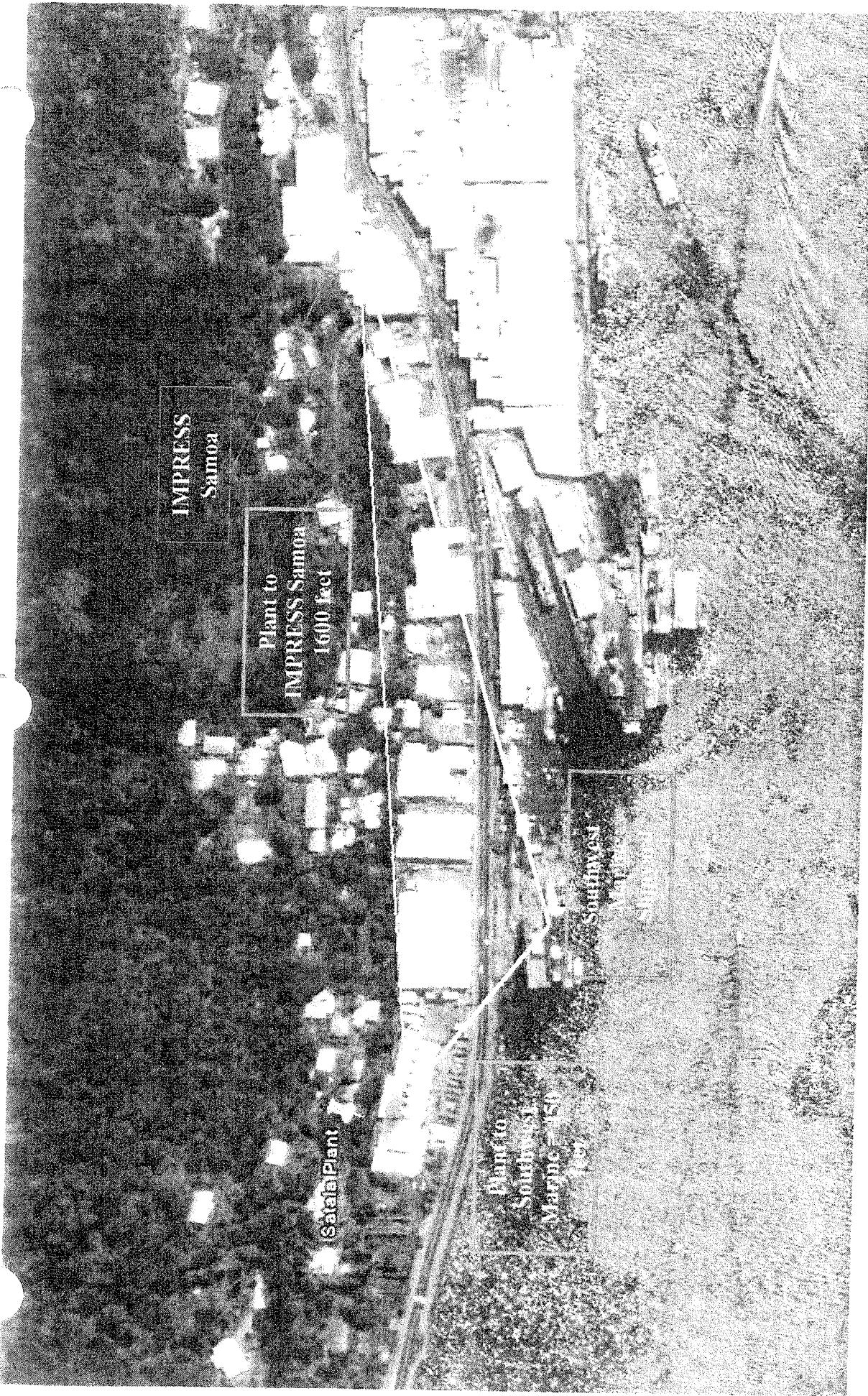
* CTC Delta Reasons: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria
 Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

** Schedule Impact Reasons: TECH-Technical, CONC-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

ATTACHMENT 2

Maps and Satellite Images

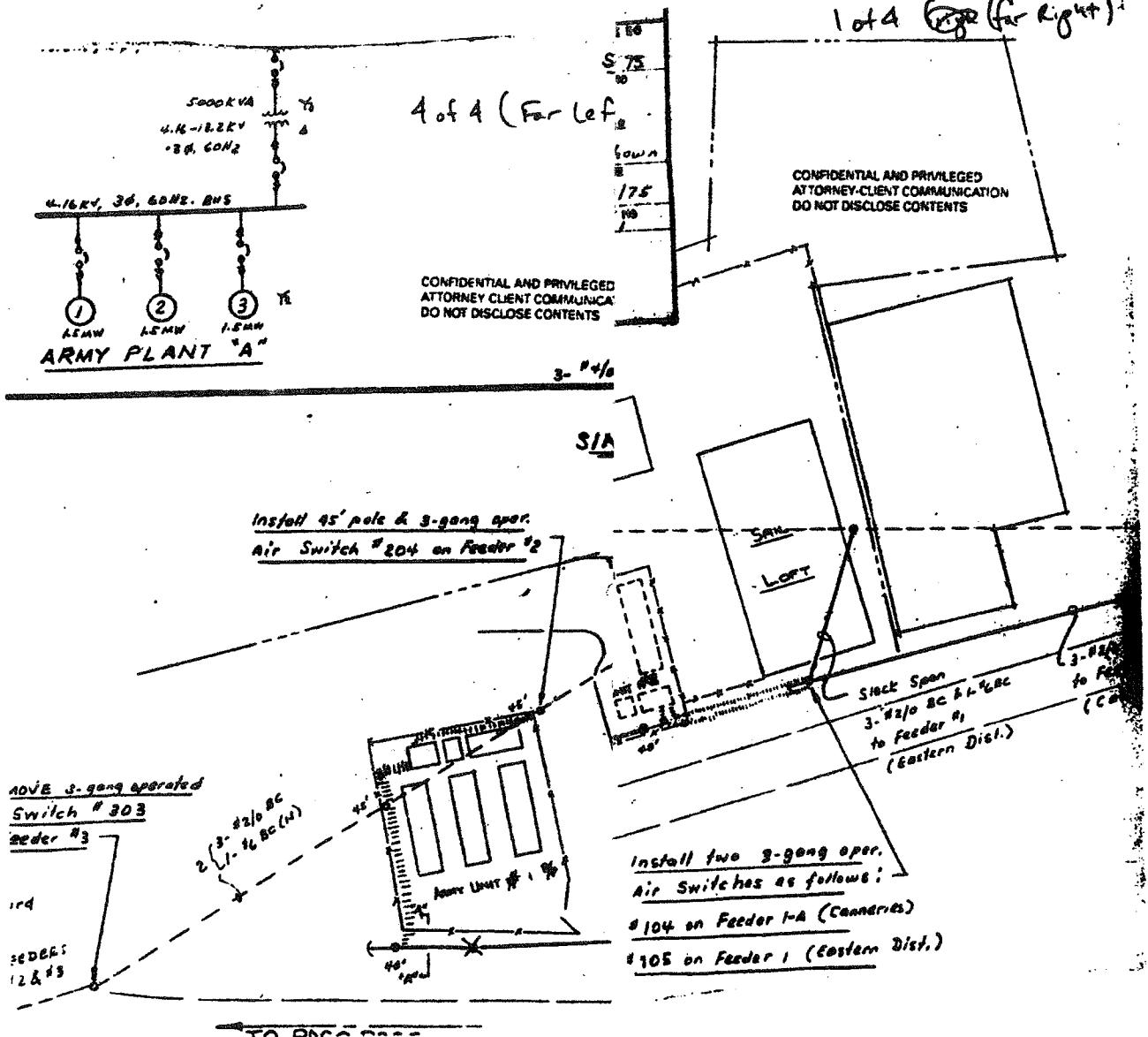
65



Horizontal distance from Satala Power Plant to Impress = 1600 feet.

Distance viewed from Satala Plant to SW Marine Shipyard = 450 feet.

Distance viewed from impress to SW Marine Shipyard = 1300 Feet.



2

BUILDINGS

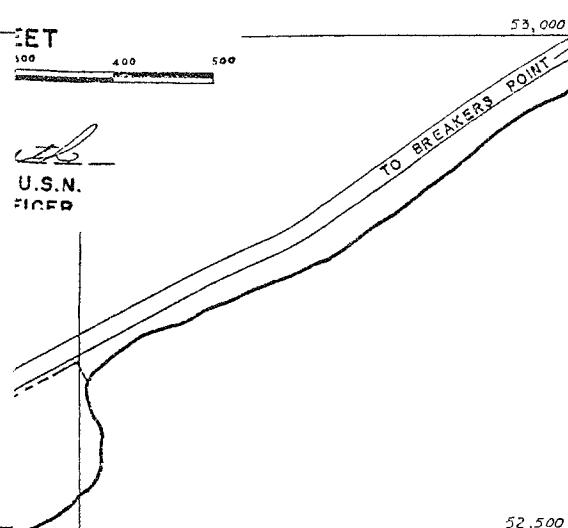
NO	USE	
500	POWER PLANT	PWD
501	QTRS. FOR POWER PLANT CREW	PWD
502	FOUNDRY & BLACKSMITH SHOP	PWD
503	CARPENTER & PATTERN SHOP	PWD
504	GARAGE, SPARE PARTS, LUBRICATION	PWD
505	WAREHOUSE	PWD
506	MACHINE SHOP	PWD
507	SHEET METAL, SAIL & PAINT SHOP	PWD
508	WAREHOUSE	
509	CANNERY	
510	GOLD STORAGE	LEASE TO ISLAND
511	OFFICE & WAREHOUSE	PACKERS CORP
	CANNERY STAFF	OWNED BY ISLAND
	4 FAMILY APARTMENTS	PACKERS
514	VEHICLE STORAGE	PWD
517	DISPATCHERS OFFICE	PWD
518	QUARTERS C P O	
519	" "	PWD
520	" "	PWD
521	" "	PWD
522	" "	PWD
523	" "	PWD

**EDUCATION
MOA
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1949**

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560

**U.S.N.
FICER**



53.500

300 000

53,000

52,500

52,000

EPAIR UNIT

(FOR OFFICIAL USE ONLY)

005261

199500

-27,500

99,500

1,500

3 20

V 500

1

BUILDINGS

OK

NO	USE	
500	POWER PLANT	P.W.
501	QTRS FOR POWER PLANT CREW	P.W.
5011	HEAD	P.W.
502	FOUNDRY & BLACKSMITH SHOP	P.Y.
503	CARPENTER & PATTERN SHOP	P.Y.
504	OFFICE, SPARE PARTS, LUBRICATION,	P.Y.
505	LIGHT MACHINE SHOP	P.Y.
506	HEAVY MACHINE SHOP	P.Y.
507	SHEET METAL, SAIL & PAINT SHOP	P.Y.
508	WAREHOUSE	S.O.
509	ELECTRIC & MACHINE SHOP	S.C.
510	SHIP FITTING & COLD STORAGE	S.C.
511	OUTSIDE REPAIRS & ADMINISTRATION	S.O.
512	C.P.O. QTRS & MESS HALL-VACANT	
513	ENLISTED PERSONNEL QTRS-VACANT	
514	VEHICLE STORAGE	P.W.
515	TIRE STORAGE	P.W.
516	TIRE SHOP	P.W.
517	DISPATCERS OFFICE	P.W.
518	QUARTERS C.P.O.	P.W.
519		
520		
521		
522		
523		

33,000

TO DETACH POINT

52,500

52,500

TO NAVEL STATION

52,000

52,000

52,000

51,500

51,500

51,500

P OF
AL STATION
A SAMOA
GRID LINES REFER TO THE
OF PLANE COORDINATES AS ETC
BY CBMU 506 FOR THE ISLAND
CONDITIONS ON
FIRE HYDRANT SHOULD BE
20 10 47

SAMOA ISLANDS
TUTUILA ISLAND

S O U T H P A C I F I C O C E A N

Cockscomb Pt.

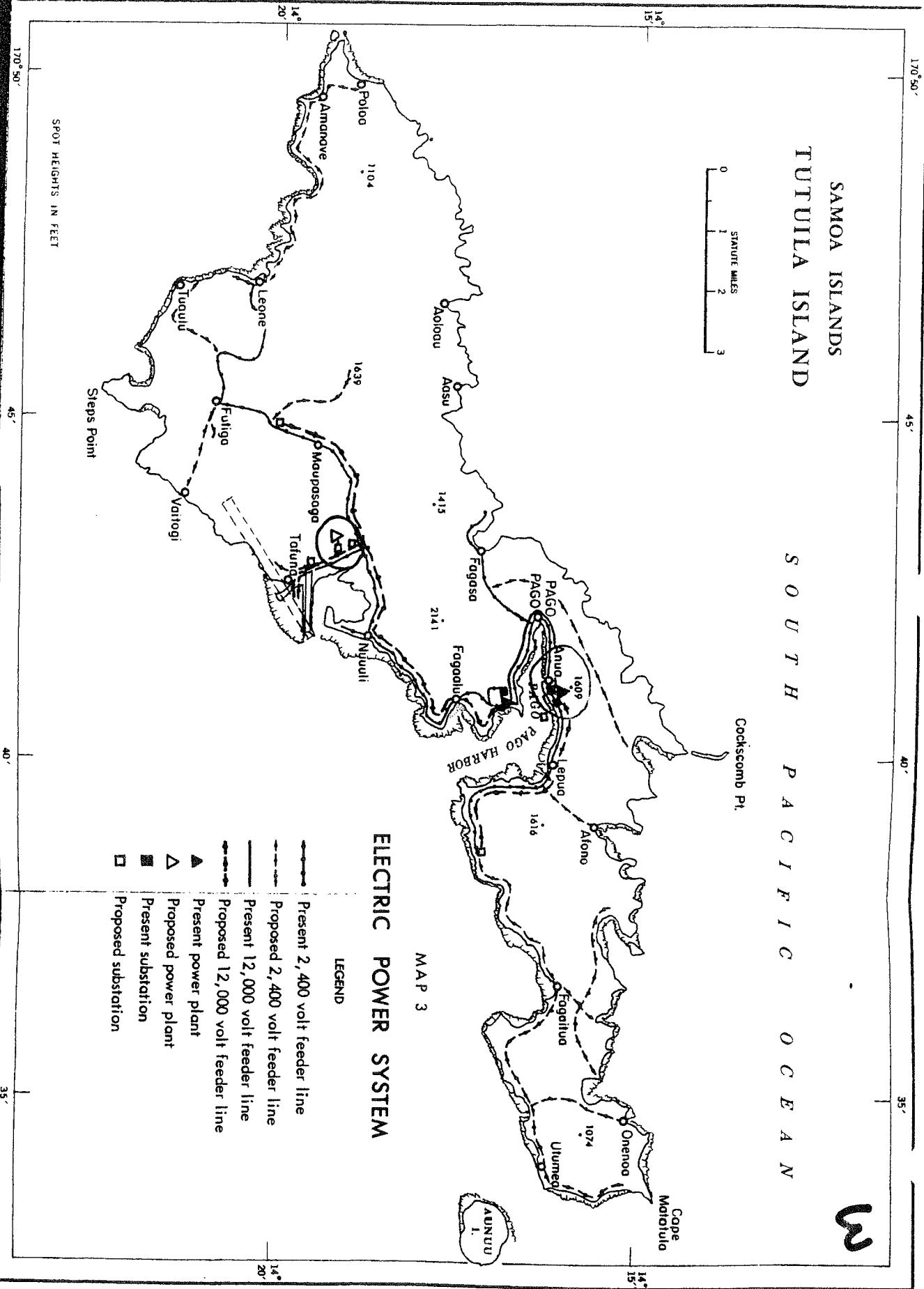
STATUTE MILES
0 1 2 3

MAP 3

ELECTRIC POWER SYSTEM

LEGEND

- Present 2,400 volt feeder line
- Proposed 2,400 volt feeder line
- Present 12,000 volt feeder line
- Proposed 12,000 volt feeder line
- ▲ Present power plant
- ▲ Proposed power plant
- Present substation
- Proposed substation



ATTACHMENT 3

Base Facilities Report

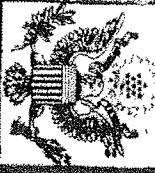
(May 1, 1944)

DECLASSIFIED
Navy Project No. NNG 028018

BASE FACILITIES REPORT
1 MAY 1944

SOUTH PACIFIC AREA

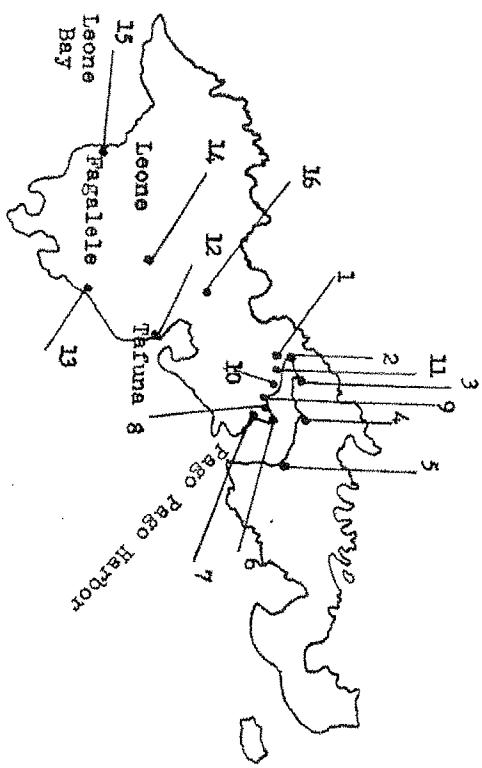
*Compiled
by
Commander South Pacific Force*



SECRET

VOLUME VI
SERIAL

N



INDEX

- T U T U I L A
- 1. Samoa Marines Camp
 - 2. Pago Pago Village
 - 3. Refrigerated Storage
 - 4. U.S. Navy Cemetery
 - 5. Convoy Escort Repair Unit Floating Drydocks
 - 6. Tank Farm
 - 7. Seaplane Beaching Ramp
 - 8. Public Works Dept. Camp
 - 9. Docks; Naval Dispensary
 - 10. U.S. Naval Station Navy Radio Station
 - 11. Samoa Hospital
 - 12. Happy Valley Camp
 - 13. Taruna Air Field; Tamps; Magazines; Refrigerated Storage; Avgas Drum Trucks
 - 14. AACB Radio Station
 - 15. Leone Airfield
 - 16. Leone Fagalele Isone Bay

SCALE
1 inch = 3.7 miles

TUTUILA

TUTUILA
Map No. 21

SECRET

TMUHLA

AS OF
MARCH 1945

I. Mission:

As per ComSoPac Secret Letter Serial 00623 dated 29 February 1944. Anchorage, supply, emergency repair and refueling facilities for destroyer escorts and small craft. Staging facilities for land-based planes of all types. Emergency landing for sea-planes and anti-submarine patrol. Weather information and communications for ships and aircraft.

II. General Information:

Tutuila Island is owned by the United States and often is called American Samoa. The island is about 17 miles long and 5 miles wide. It is densely wooded and very beautiful. The highest point has an altitude of 2,111 feet. About 10,000 people live on the island. Pago Pago with a population of approximately 1,800 is the largest village and is the seat of the government. It is the best and safest harbor in the South Seas, being formed in the crater of an immense volcano the south side of which is broken away and opens to the sea. Good anchorage is found anywhere in the inner harbor in 6 to 25 fathoms. There are several other harbors on the island, but of them Isone is the only one that can accommodate large ships. The temperature varies from about 75° in August to 90° in December-February. Average annual rainfall is about 190 inches. A most noticeable feature is the scarcity of bird life. The island is free from malaria and amoebic dysentery, but filariasis, elephantiasis, jaws, Swiney conjunctivitis and various intestinal diseases are endemic.

REF ID: A62605
DATED 1 AUGUST 1944

SIGNS

-3-

TUMULUSPERSONNEL ASSIGNED 1 AUGUST 1944U. S. ARMY

Air Service

U. S. NAVY

Air Combat

Air Service

CHMU

Other Navy Personnel

U. S. MARINE CORPS

Supply Service

Other Marines

Fita Pita Guard and Band
Samoa Marines
Native Labor

	<u>OFFICERS</u>	<u>W.O.</u>	<u>NAMES</u>	<u>MEN</u>	<u>TOTAL</u>
TOTAL ARMY	<u>4</u>			<u>38</u>	<u>42</u>
	<u>20</u>			<u>63</u>	<u>63</u>
	<u>5</u>			<u>131</u>	<u>136</u>
	<u>3</u>			<u>321</u>	<u>328</u>
	<u>62</u>			<u>1,012</u>	<u>1,102</u>
TOTAL NAVY	<u>22</u>	<u>18</u>	<u>9</u>	<u>1,816</u>	<u>1,823</u>
TOTAL MARINES	<u>29</u>	<u>1</u>	<u>30</u>	<u>2,255</u>	<u>2,265</u>
FITA PITA GUARD AND BAND					
SAMOA MARINES					
NATIVE LABOR					
GRAND TOTAL	<u>124</u>	<u>24</u>	<u>9</u>	<u>1,618</u>	<u>1,618</u>
				<u>4,040</u>	<u>4,197</u>

SECRETAMENDMENT #3

ISLAND ORGANIZATION

AS OF 1 JANUARY 1945

TUvalu

Commandant U.S. Naval Station Tutuila (9)
(Governor American Samoa and Commander Samoan Defense Group)

Mitutaki, Borabora and Pemrhyn
are now administered by Commander
Samoan Defense Group.

S a m o a n D e f e n s e G r o u p

<u>Tutuila</u>	<u>Nanomea</u>	<u>Fuatafeta</u>	<u>Tutuila</u>	<u>Upolu</u>	<u>Vailis</u>
U. S. Naval Station Tutuila (9)		U. S. Marine Barracks Tutuila (7)		U. S. ARY Tutuila (12)	

Administration (9)
Habor Control & Defense (9)
Communications (9)
CMB (4)
Storage and Supplies
Naval Dispensary (8)
Leone Airfield (15)
CMB (7,11)
Camps (4,9,11)

Administration (including
all Marines in Samoa)
Defense Group (7)
Marine Defense Unit (7)
Samoan Marines (1)
Camps (1,7,12)

Tafuna Airfield (12)
ATC Corrections (12)
AACs (12,14)
Camp (12)

Note: (1) Numbers correspond to those on the index chart.

SPCC 37

-5-

DECLASSIFIED

NARA Project No. NWD 928018 44 Ser. No. 1000

AS OF 1 JANUARY 1945

PAGE NO. 6

BASE: TUTUILA				
MAP LOCATIONS	NAVY CODE FUNCTIONAL INDEX	ACTIVITY OR FACILITY		
MAP #	INDEX #	COMPONENTS (ESTIMATE)	DETAILS	MISSION, CAPACITY, MAJOR FACILITIES AND REMARKS
21	9	A	<u>ADMINISTRATION</u>	Note: As reduction of the Base to a level recommended by survey is in progress a complete and accurate report is impracticable at this time.
			U. S. Naval Station	The Commandant of the Naval Station is Governor of American Samoa and Commander of the Samoa Defense Group of Islands, which includes Tutuila, Upolu, Wallis, Nukuhiva, Funafuti and Tonga. Administrative control of Naval units assigned, Atutafu, Bora Bora and Penrhyn are administered by Commander Samoa Defense Group. Administrative control of all Marines in the entire Samoa Defense Group.
	7		U. S. Marine Barracks	
	1		Samoan Marines	Native Marine unit administered by U. S. Marine Corps.
	6 (App.)	1-B3	<u>HARBOR CONTROL AND DEFENSE</u>	
	9	243	Underwater Defense	Operates and maintains a complete underwater detection system for a small base. Underwater .
	6	02	<u>PORT DIRECTOR</u>	Carries out function of Naval Transportation Service for a small service base. Piloting and routing of ships.
	9	02	<u>COMMUNICATION</u>	
	13	013	Navy Radio Station	Transmitter station, receiver station, radio repair base, harbor defense under and radio repair facilities, ample power facilities. Radio ^{High Frequency} Radio Station at Vaitogi.
	7	011	Radio Station	
			Internal Communications	Telephone system connecting all activities on the Island.
			Fleet Post Office	Fleet Post Office in frame building.
				SOURCE

AS OF 1 JANUARY 1945

PAGE NO. 7

BASE: TUTUILA		AS OF 1 JANUARY 1945	
MAP LOCATIONS	MATT CODE	ACTIVITY OR FACILITY	
MAP INDEX #	FUNCTIONAL COMPONENTS (ESTIMATE)	DETAILED STORAGE AND SUPPLY	MISSION, CAPACITY, MAJOR FACILITIES AND REMARKS
21	D 2,9,12 16	1/5-12	Naval Supply
5	B D4	Tank Farm	Naval Supply
4	E3	SHIP AND BOAT REPAIR	Convoys Escort Repair Unit
6	E3	HISTICAL COMPONENTS	Mavy operated. About 12-40'x100' SSAR buildings for shops and offices. Maintains optical shop, radar repair shop, radio repair shop and torpedo-overhaul. Necessary tools and equipment to effect the manufacture of parts and general repair of ships. Finger piers. Small drydock capable of handling SC or smaller craft. Drydock AFD-19 with 1,000-ton capacity.
8	E3	U. S. Naval Dispensary	Minor Naval hospital facilities, including X-ray and surgery, 100 beds. Dental facilities.
12	H	AVIATION COMPONENTS	Tafuna Airfield Runway #1 length: 6,080' Runway #2 length: 3,200' Surface: Coral Parking: 15 heavy bombers
			A fighter-bomber field used for steering land-based planes, anti-submarine patrols and ATG operations. Largest plane that can be operated from submarine is a heavy bomber. Avgas and ammunition is available at field. 1,000,000 gallons of avgas stored in drums near dispensary area at the airfield and 578,000 gallons stored at tank farm. Permanent field lighting.

AS OF 1 JANUARY 1945

PAGE NO. 3

MAP LOCATIONS	BASES TUTULIA	NAVY CODE FUNCTIONAL COMPONENTS (ESTIMATED)	ACTIVITY OR FACILITY	AS OF 1 JANUARY 1945
MAP INDEX		H	DETAILS	MISSION, CAPACITY, MAJOR FACILITIES AND REMARKS
21			AVIATION COMPONENTS (Continued)	
15			and 60 mediums or VPs in 65 revetments.	Type D(A) weather station. Complete ACOS communication facilities. AMO handles all transportation at the airfield. Many camp buildings are being dismantled as part of the reduction program. Quarters for 500 men will be retained.
6			Leone Airfield Runway length: 6,000' Surface: Gravel Parking: None	Inactive. A single runway bomber strip. No fuel or munition at field. No lights. Visual communication only.
7			Seaplane Ramp	Emergency seaplane facilities only. Concrete net depot ramp used for emergency for berthing a VPB in Palo Palo Harbor.
12			Magazines	12 frame magazines with metal roofs 12,196 sq. ft. storage space for ammunition and ordnance.
N			ORDNANCE	
1	Sonoma Marines Camp	CAMP CONSTITUENTS	Adequate housing and messing facilities for 500 Sonoma Marines in simple frame and native type huts.	Housing and messing facilities in permanent barracks for 150 enlisted personnel attached to the Naval Station.
9	Naval Station Camp		Housing and messing facilities in permanent barracks for 150 enlisted personnel attached to the Naval Station.	Housing and messing facilities for approximately 1000 S. Marines in frame barracks-type structures.
7	U. S. Marine Barracks			Adequate housing and messing facilities for approximately 400 officers and men in front lines. Camp is occupied at present by U.S. Marines.
11	Happy Valley Camp			

BASE: TUTUILA			AS OF 1 JANUARY 1945	PAGE 50-6
MAP LOCATIONS MAP INDEX #	NAVY CODE FRACTIONAL COMPONENTS (ESTIMATE)	ACTIVITY OR FACILITY	MISSION, CAPACITY, MAJOR FACILITIES AND REMARKS	
21	4	OFFICE COMPONENTS (Continued)		
	9		Housing and messing facilities for approximately 100 officers and men in frame frame buildings.	
	12	Fite Fite Barrocks	Housing and messing facilities for 200 Fite Fite Guarda, frame barracks.	
	12	Tafuna Airfield Camp #1	Housing and messing facilities in Diles huts and frame structures on west side of Tafuna Airfield for ATC, AGCS, aerological personnel, and ATC passengers stopping over night.	
	7	Tafuna Airfield Camp #2	Adequate housing and messing facilities in frame buildings at north east corner of Tafuna Airfield for all flight and ground personnel or through Tafuna Airfield. Combined capacity of 2 airfield camps is to be 500 men.	
	7,11	P CONSTRUCTION AND PUBLIC WORKS	Station and airfield maintenance. Presently engaged in dismantling Navy facilities in accordance with ComSoPac Secret Serial 00532 of 19 Feb 1944.	
	7,11	P5 (Aug.)	Adequate water supply from streams and springs. Imps filter and purification units.	
	4,7,12	Power Supply	Two interconnected 300 KW power plants, one at Public Works industrial area, the other adjacent to CRU. 100 KW power plant at Tafuna Airfield.	
	7	Tire Repair Shop	Recapping tires, vulcanizing, and other tire repairs for units in Service Defense Group. Five load recapping mills. Work is done by natives under CRU supervision. (Recapping plant is being shipped to Oahu.)	

SECRET

BASE: TUMULU		AS OF 1 JANUARY 1945		PAGE NO: 10
MAP LOCATIONS INDEX #	NAVY CODE FUNCTIONAL COMPONENTS (ESTIMATE)	ACTIVITY OR FACILITY DETAILS	MISSION, CAPACITY, MAJOR FACILITIES AND REMARKS	
21	8	P8	PORT DEVELOPMENT	No. of Ships That Can Be Worked Simultaneously Floating Dredges
		Cargo Handling Capacity	Two ships of 5 boats each at docks, and 3 ships at anchor. Total of 5. 1 derrick barge.	1,600 tons per 24 hour period.
		Ship Piers	400' dock with 75' draft, 8 beam piles. 3" concrete deck, berthing, 1-AM or 2 or 3 small craft. 400' fuel dock berths 1-AM.	
		Anchorage	Pago Pago Harbor has taken 33 min. 31. 3-3 berths and 3-3 moorings or standard riser type. 3 small draft moorings with 1-1 buoys.	
		Barge and Boat Piers	Pago Pago Harbor has 7 small berths and boat piers.	
		Floating Equipment	1-45' motor tug, 1-3,200 gallon barge and 1-1,200 gallon water barge. Adequate small boats.	
		PLANE REGISTRATION	Recreation facilities in Pago Pago Harbor area are limited. 3 covered motion picture theaters, swimming beaches, several churches.	
				Sgt. S. J. Smith

ATTACHMENT 4

Report on Island Development for USNS Tutuila (1943)

Pulled from NARA Box 9 of 34

Date Pulled 7/17/08

Folder Identifier A9-1

Folder Description Report of Island Development

July 1943
Number of Documents

Number of Pages 18

Progress Report

See pp.

6 water, fuel storage

11 tank farm - Amherst

* DECLASSIFIED
NARA Project No. NND 928018

File No.
A9/L24

Serial: 10

U. S. NAVAL STATION

Tutuila, American Samoa

Commandant's Office

SECRET

22 March 1944

From: Public Works Officer,
To : The Commandant.

Subj: Report of Island Development Occuring
During 1943.

Ref.: (a) Comdt NavSta ltr A9 Ser 059 of 23 Feb 44.

Encl: (A) Report of Developments occuring on
Tutuila Island during 1943.

1. Enclosure (A) is submitted in compliance with
Reference (a).

T. C. DONNAHUE

BAL OMBRS (A)

DECLASSIFIED
NSA Project No NND 928

PROBLEMS - ANALYSIS
NOV 19 1962

PROJECT	PERIOD	COMPLETION OF:		NOTES
		DATE	DESCRIPTION	
(a) <u>Airfield Farms (cont'd)</u>	1 Jan. 1943	31 Dec. 1943	Completion	
4. <u>Buildings (cont'd)</u>				
3rd Squadron Barracks				
O.P.	100%		16 x 16 officers' quarters (1).	
O.P.	100%		16 x 16 enlisted men's quarters (2).	
O.P.	100%		16 x 32 billeted men's quarters (19).	
O.P.	100%		16 x 32 ready room (2).	
O.P.	100%		16 x 48 officers' & enlisted men's shower.	
O.P.	100%		16 x 32 officers' & enlisted men's shower.	
O.P.	100%		18 x 48 enlisted men's shower.	
O.P.	100%		12 x 16 officers' & enlisted men's mess.	
O.P.	100%		12 x 16 enlisted men's mess.	
O.P.	100%		16 x 32 enlisted men's latrines.	
O.P.	100%		long wall buildings.	
O.P.	100%		16 x 32 officers' mess.	
O.P.	100%		24 x 48 enlisted men's mess.	
O.P.	100%		Holley & Schuler, building.	
O.P.	100%		8 x 32 - 1	
O.P.	100%		15 x 34 - 1	
O.P.	100%		16 x 32 engineering offices.	
O.P.	100%		16 x 32 transportation building.	
O.P.	100%		16 x 32 squadron headquarters.	
O.P.	100%			
MAIN Garage				
O.P.	100%		16 x 16 live storage magazine.	
O.P.	100%		16 x 16 quarters (1).	
O.P.	100%		16 x 32 quarters (3).	
O.P.	100%		16 x 16 quarters (19).	
O.P.	100%		16 x 32 sanitary buildings (2).	
O.P.	100%		16 x 32 mess & lounge (1).	

PART III
PREFACE
COMPLETION OF THE
1 JUN 1947 31 DEC 1947
COMPLETION
REMARKS

INITIATED
DATE OF
COMPLETION

7/25/47

REMARKS

(a) Airfield Status (Cont'd)

5. Ammunition Storage 0% 100%
 " Flame magazines 1. 7 15' x 10' x 10' concrete tanks.
 " Investments for Mort. 1 bomb trailers.
 " Investments for Mark II bombs trailers.
6. Supply Facilities 0% 100%
 " Air-transported storeshouses Nos. 1, 2, 3, 4, 5 combined
 " Total of approx. \$2,500 outfit.
 " x 100 warehouses - (7).
7. Communications 90% 100%
 " Main power telephone exchange #1.
 " smaller power telephone exchanges 47.
 " Direction finder building.

PROJECT NUMBER	CONSTRUCTION DATE	TESTING DATE	REMARKS
(b) Airfield Lease	1 JAN. 1943	31 DEC. 1943	Concurrent
1. Housing	20%	100%	Pilot's club, 300' x 600' no partitions. 16 x 16 quarters (1).

2. Communications

0%
100%

Radio Teal Station. 5 - 125' steel towers on concrete
base & one operations building.

PROJECT	COMPLETION	ESTIMATED DATE OF	COMPLETION
(a) Naval Station	1 JUN. 1947	31 DEC. 1947	1947

1. Seabird & Piers

0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%

170' concrete launching ramp 300' x 300' earth fill, 5 stories.
60' dock at Seabird's loading.
100' over house at oil dock.
Reinforced steel construction at oil dock.
Rock fill and grading at oil dock.
New feeder system main dock.
Dredge fill and grading main dock area.

2. Water

1 - 82

100%

170' concrete launching ramp 300' long, 20' x 30' 100' wide.
Earth and rock x 30' high complete.

PROJECT	PERCENT COMPLETION ON:		DATE PLANNED DATE OF COMPLETION	NOTES
	1 JAN. 1944	31 DEC. 1943		

(a) Fuel Area

- | | | |
|-------------------|-----|------|
| 1. Fuel Storage | 50% | 100% |
| 2. Communications | 0% | 100% |

13,000 bbl. diesel fuel storage tanks.
27,000 bbl. diesel fuel storage tanks.
3- 60,000 bulk acres storage tanks. pre-
stressed concrete. Utilized.

40' x 96' addition to Fleet Post Office,
including 2 dark room for V-mail.

PART OF
PROJECT NO:
DATE OF
COMPLETION

SPONSORED
BY
NAME

RELEASING

REF ID: A64754
DECLASSIFIED
NARA Project No. NND 92

(e) Missile Assignment

Training Unit

1. Training

75%
0%
100%
20%
0%
0%

100%
100%
100%
100%
100%
100%

0%

- 2. Never
- 3. Supply facilities

0%
100%

16 x 48 x 48 post exchange building.
16 x 36 enlisted men's quarters - (1), 16 x 36 frame head (2)
8x 8 ball for enlisted men.
36 x 12 glass rooms.

500' of 6" line and 300' of 1" line w/ appurtenances.

32 x 100 verifications - (2).

SIGHTING	PREDICTION		SIGHTING	DATE	DESCRIPTION	RELEASE
	ON	OF				
(*) INDIA BAND	1 JAN. 1947	31 DEC. 1943				

MOUNTING

0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%
0% 100%

16 x 16 officer quarters (2).
16 x 32 soldier men's quarters (6).
16 x 16 officer building.
16 x 32 bakery.
16 x 32 storehouse.
16 x 16 hospital.
16 x 32 shower.

Planning & Control

Settlement

Buildings

Initial Settlement, 1st June, 1943

Initial

(a) Settlement Areas

- | Area | Capacity | Notes |
|----------------------|----------|---|
| 1. Housing | 100% | 16 x 37 officers' quarters, (1)
5 bldgs 16 x 54 to increase total capacity by 20%. |
| 2. Water Supply | 100% | No problems necessary for water supply as there is no high. |
| 3. Supply Facilities | 100% | 10 x 100 warehouses - (3). |
| 4. Sanitation | 100% | W.C. never system, 3 separate tanks each following our line. |

PROJECT	PERIODICITY	TESTING	DATA OR	DISCUSSION	REMARKS
PROJ 60	1 JUN. 1943 - 31 DEC. 1943	0%	100%	0%	100%

(b) Winter Center

Normal Valley Area

0%	100%
0%	100%
0%	100%
0%	100%

16 x 30 trans houses - (b).
16 x 80 gallery, including bays for offices.

Underground magazines; concrete foundations; foundations +

PROJ. NO. 92
PROJECT NO. 92
1 MILE 1063 31 DEC. 1947
OIL FIELD

OSMA, INC.
DAVIS, JR.
OIL FIELD

(1) Rock Form
Dana Valley
Oil
100%

120,000 bbl. tank farm and pipe line at Dana Valley,
consisting of twelve 10,000 bbl. tanks (bolted steel),
three 500-bbl. air compressor fuel oil tanks and pump houses,
100,000 cu. yd. of excavation and embankments. A mile across
road. Pipe line extends from Dana Valley to Fair Lodge
as far as gas.

PROJECT
COMPLETION ON
1 JAN. 1943 31 DEC. 1943 SCHEDULED

PROMPTED -
DATE OF
SUBMISSION

REMARKS
SUGGESTIONS

(J) General Right Valley

1. Housing

0%	100%
0%	100%
96%	100%
95%	100%
50%	100%
0%	100%
75%	100%
80%	100%

16 x 30 quarters for enlisted men - (3)

officers' quarters - (2)
30 x 40, administration buildings.
General's and staff officer's quarters.
10 buildings for 40 officers' quarters.
quarters for visiting officers.
officers' mess hall.
sanitary sewer system.

(Reinforced concrete construction including (concrete
structure).

2. Water Supply

0%

100%

6" welded steel pipe line from Page Mill to Coopers
post office, 4000'.
1000'.

PROJECT NAME	PERIOD COVERED	REVIEWED DATE OF CONDITION	REMARKS	
			INITIAL	FINAL
(b) <u>Pago Pago Valley</u>	1 JAN. 1943 - 31 DEC. 1943			

1. Force Signal Co.,
Routing
0%
0%
0%
0%
0%
0%

Camp #2
Inns
0%
0%
0%
0%
0%
0%

Base Depot
Routing
0%

2. Supply Facilities
0%
10%
0%
0%
0%
10%

3. Water Supply
70%

100%
100%
100%
100%
100%
100%

16 x 16 officers' quarters - (3).
16 x 32 enlisted men's quarters - (6).
16 x 16 mess hall & shower.
16 x 32 shower.
mess hall & gallery.

70 x 106 mess hall & gallery.
30 x 120 heavy washhouse - (2).
50 x 120 heavy washhouse.
50 x 200 verandahs - (2).
No x 120 sand locker.
No range well. Present flow survey. 125 gpm. Ingesting
existing piping system.

1 MAY 32%

1 AUG. 1943 31 DEC. 1943

COMPLETION

REMARKS

(1) Ship Repair Facilities
(Anchorage)

	70%	100%
1. Shores		
Foundsry		
Carpenter Shop	50 x 200	
Torpedoes and Artificer's	50 x 200	
Heavy Machinery	50 x 200	
Pine and Cooper Shop	50 x 200	
Lamps, Machinery	50 x 200	
Metals Glass, Welding, Etc.	50 x 200	
Scriptwriting	140 x 200	
Electric and Radio Shop	50 x 200	
Post, Repair & Utility Shop	50 x 140	
Power Plant Building	100 x 20	
General Storage & Oil Storage	50 x 200	
Administrative & Gen. Storage	50 x 115	
Officers' Quarters, Mess Hall	50 x 200	
Officers' Quarters - (6)	25 x 20	2 story
Officer's Quarters	25 x 20	2 story
In Patches (estimated area)	50 x 160	2 story
	100 x 10	2 story
	50 x 10	2 story
	100 x 10	2 story
	50 x 10	2 story
	50 x 10	2 story
	100 x 10	2 story
	100 x 10	2 story
Gas and Petrol (estimated area)	45 x 140	

PROGRESS
COMMUNICATED
1 JAN. 1943 31 DEC. 1943
SPECIALIZED
TAKES OF
COM. IN PROG.

(1) Main Harbor Facilities (Cont'd)

	PROGRESS	PERIOD
4. Tool Installation	0%	100%
5. Piers	0%	100%
6. Seawallfront	0%	100%
7. Dredging	0%	100%
8. Utilities Maintenance	0%	100%
9. Ammunition storage	0%	100%
10. Water supply	0%	100%
11. Recreation	0%	100%

Tools being used consist of lathe, planer, shears, hammers, hammers, foundry, electrical grinders, mugs, wrenches, wood working & oils and hand saws and metal lines of tools necessary to effect the requirements of harbor and seaport requirements of ships.

5 timber fingers or piers extending from land to sea in length.

Seawall repair, 30000 c.f. required.

Dredging finished 35,000 c.y.

Utilities trench for power, telephone, cable & steam water, air, etc., and fuel to piping.

Two 20' x 50' torpedo warhead magazines, storage.

10" pipe line from pier to well is being laid.

Over side concrete revet protection will be long -

PROGRESS
COMPLETION ON 31 DEC 1947
BY 1 JAN 1948

INSTRUMENTED
LINES OF
TRANSMISSION

(v) Lined upline 95% 100%

100%

200' 100'

100'

5 miles 240 volt distribution line from Hallie to
Derry Rose via New Station.
Automobiles 20 miles of pole line connecting Hallie
facilities which automotive machinery
installation of new buildings and the changing of
to automotive equipment.

REF ID: A65125
CLASSIFICATION: CONFIDENTIAL
DATE OF PREPARATION: 1 JAN 1943
DATE OF APPROVAL: 21 JAN 1943
CONCLUDING REMARKS:

(n) ~~Very important~~ ~~Top~~

ARMY Radio Station

O/P

1 PGP

ATTACHMENT 5

*A History of American
Samoa and its United
States Naval Station
(1960)*

AMERIKA SAMOA

A History of
American Samoa
and Its
United States
Naval Administration

by

CAPTAIN J. A. C. GRAY MC, USN

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work. Furthermore, to the Allies the Samoan Islands formed a strategic unit in which Western Samoa was as important as the American islands, and Marines moved into Upolu and Savai'i and undertook their defense, with the result that under the impact of war the Samoas were temporarily reunited.

The pervasiveness of the military upset the balance of life, particularly in Tutuila. The Naval Administration was subjected to the rapid change of personnel which is characteristic of war, and many posts were occupied briefly by officers and men who had no experience or interest in island government, and who passed on to other tasks before they had a chance to learn the essential dignity of American Samoa or to become skilled in its management. Chief Justice Arthur A. Morrow, a civilian, was removed to the United States and his place was taken by a succession of temporary substitutes. The concrete buildings of the Poor School were commandeered and converted into machine shops for a ship repair unit, where vessels damaged in action to the west, were rendered seaworthy enough to get back to Navy Yards for overhaul. The Feleti School was discontinued, its building and grounds used for other purposes, and in many of the villages the Marines occupied the school houses and used them as headquarters. Concrete pillboxes were erected upon every beach which offered the slightest possibility of a landing from the sea. These were manned at all hours by Marines quartered in nearby villages.

The single-lane road with turn-outs, which had long sufficed to connect the south coast villages from Alofaao in the east to Amanave in the west, was grossly inadequate for military requirements and was replaced by a ruggedly constructed, two-lane, coral-rock-surfaced highway, along which jeeps and military vehicles rolled and raised clouds of choking coral dust. In the east, the difficult problem of building a road from Alofaao to Amouli and Tula, beyond the means of the peacetime government, yielded to military necessity. Roads were thrown across Tutuila along the paths of the old trails, notably along the trail from Pago Pago to Fagasa, over whose thousand-foot summit the Reverend Archibald Murray and Commodore Wilkes had trudged. This trail emerged as a road, narrow in places and subject to washouts, but passable by vehicles of all sizes. The construction of a

communication and radar station on the top of Tutuila's central mountain spine above the village of Aloao, necessitated the clearing of a square mile of land upon the plateau and the building of a long and winding mountain road up from the south coast highway at Mapusaga.

Prior to the war, flying boats had crossed the Pacific, and Pan American Airways had experimented with the use of Pago Pago Bay as a way station, but the pilots found, just as had Wilkes a century before, that the currents of air created by the surrounding mountains and the direction of the prevailing winds made take-offs difficult. The location of Mount Pioa added to their troubles, for a plane had to be airborne quickly and turn while gaining altitude to avoid its bulk. A disaster in 1937, when a plane exploded in the air after a successful take-off, added to the area's bad name, and the airline moved its operations to Canton Island, an atoll to the north. The war, however, changed the emphasis of military aviation from the seaplane to the long range, land plane, which used "stationary carriers." Two air-fields were built upon Tutuila, one at Tafuga (its name apparently permanently corrupted to "Tafuna") and the other near Leone. A third major field was built at Faleolo in Upolu, twenty-two miles east of Apia, to which it was connected by a hard-surfaced road. The facilities for the storage of oil erected in 1922 were insufficient for the demands of war, and had to be replaced by a new "oil dock" at Fagatogo and a "tank farm" in Utulei, the two being connected by piping. The small electric power plant, which had lighted the Naval Station, gave way to two larger plants located respectively in Pago Pago and Utulei, which provided power for the ship repair unit and other vital wartime installations.

Eager to participate in the war, a number of young Samoans enlisted in the Navy, following in the footsteps of Chief Machinist Edward Hunkin, USN, who shivered off the coast of Iceland in 1942. Others went up to Hawaii to work in the shipyard at Pearl Harbor, and many were employed locally at steevedoring and construction projects. The size of the Fita Fita being relatively fixed, the Marines recruited a contingent of about 500 Marine Corps Reservists, uniformed in khaki shirts and khaki lava *lavaus*.

With the ubiquity of the Marines (known in Samoan as "*malini*")